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ABSTRACT

A position-indicating video display system is provided for an endoscope of the type having an objective lens, a movable zoom lens, a movable solid state imaging device for picking up the image formed by said objective lens and transferred by said zoom lens, means for generating a visual display of the image seen by the objective lens, and control means for moving the zoom lens and the imaging device so as to assure that for each position occupied by the zoom lens the imaging device is positioned so that its image-receiving surface is in the focal plane of the zoom lens. The position-indicating video display system comprises means for generating first and second movable markers indicative of the instantaneous positions of the zoom lens and the solid state imaging device along the optical axis, and additional limit markers indicative of the maximum and minimum limits of the travel paths of the zoom lens and the solid state imaging device.

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